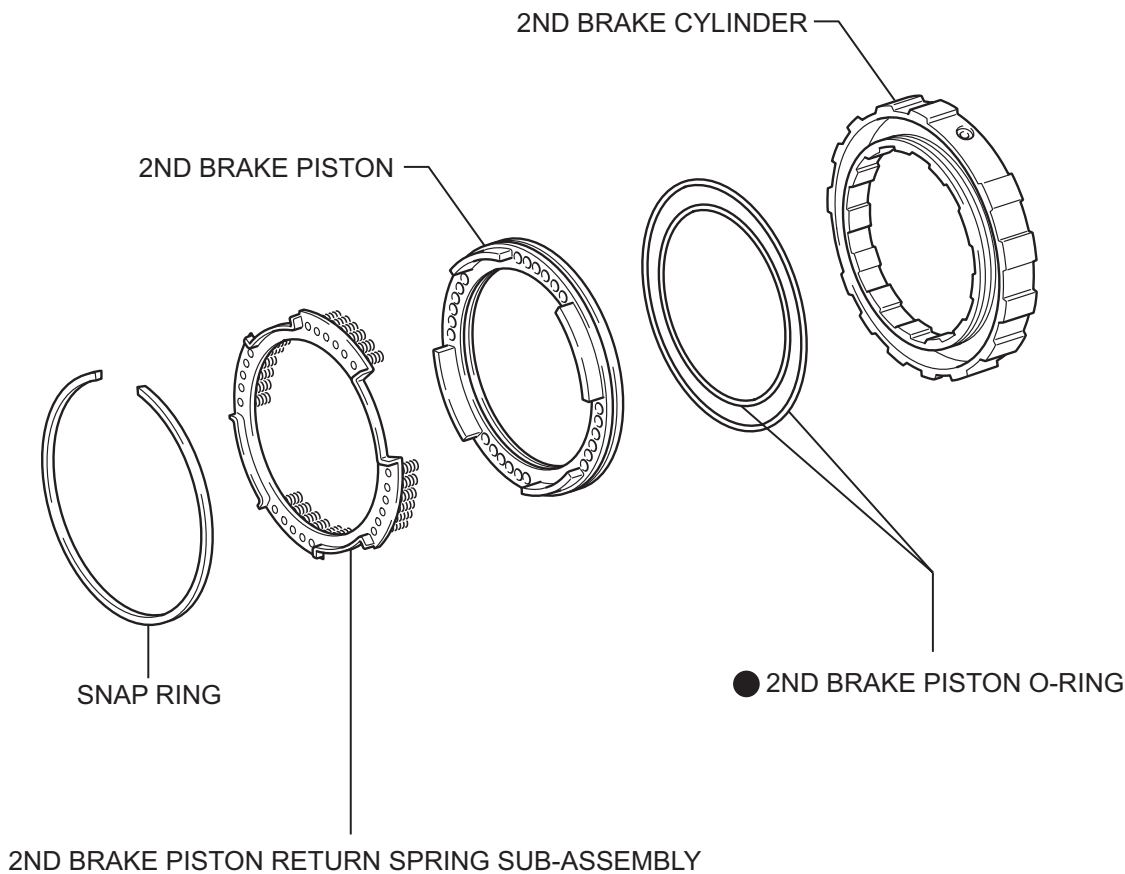
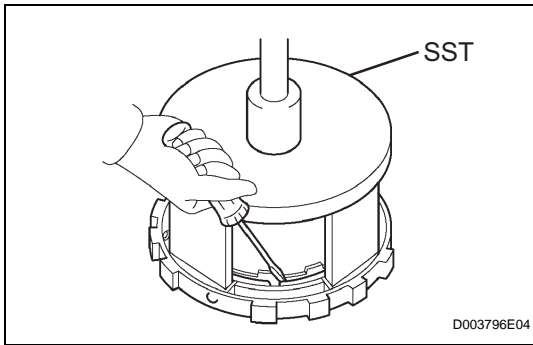


SECOND BRAKE PISTON

COMPONENTS

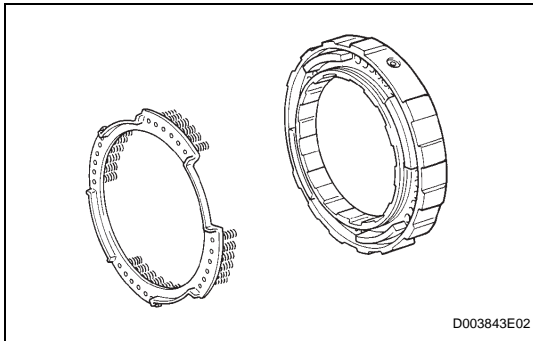


DISASSEMBLY



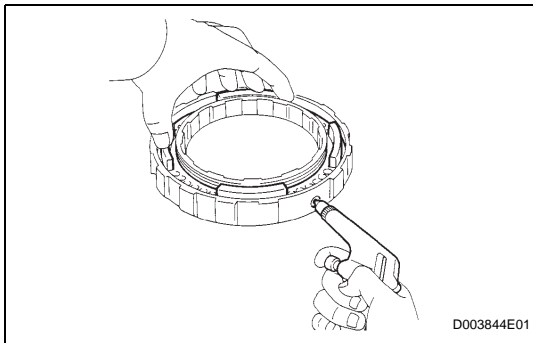
1. REMOVE 2ND BRAKE PISTON RETURN SPRING SUB-ASSEMBLY

- (a) Place SST on the return spring and compress.
- (b) Using a screwdriver, pry out the snap ring.



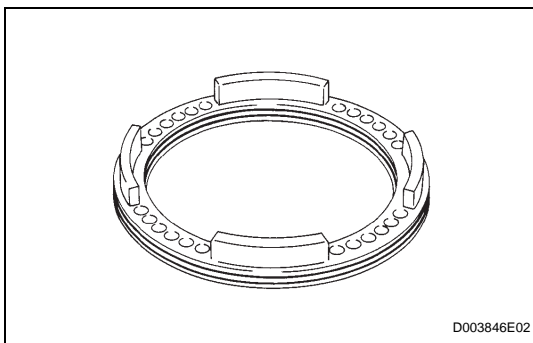
- (c) Remove the piston return spring.

2. INSPECT 2ND BRAKE PISTON RETURN SPRING SUB-ASSEMBLY (See page [AX-223](#))



3. REMOVE 2ND BRAKE PISTON

- (a) Hold the 2nd brake piston and apply compressed air (392 kPa, 4.0kgf/cm², 57 psi) to the 2nd brake cylinder to remove the 2nd brake piston.



4. REMOVE 2ND BRAKE PISTON O-RING

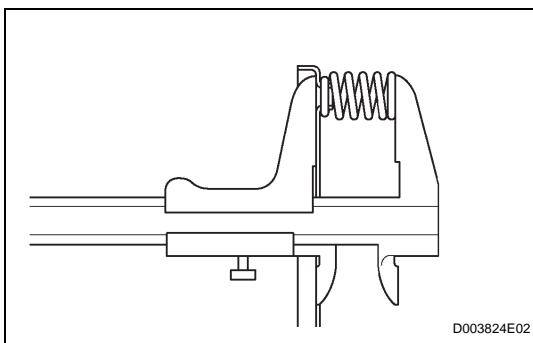
- (a) Remove the 2 O-rings from the 2nd brake piston.

INSPECTION

1. INSPECT 2ND BRAKE PISTON RETURN SPRING SUB-ASSEMBLY

- (a) Using a vernier caliper, measure the free length of the spring together with the spring seat.

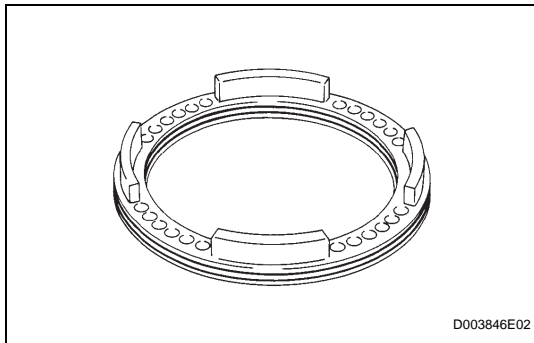
Standard free length:
16.61 mm (0.6539 in.)



REASSEMBLY

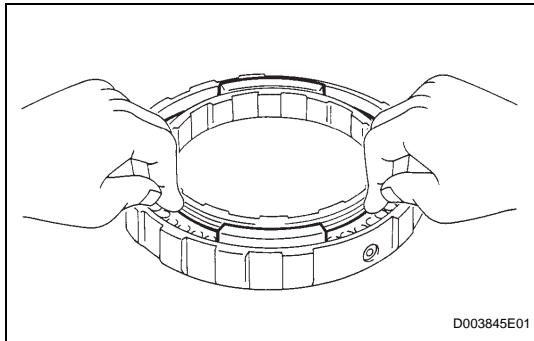
1. INSTALL 2ND BRAKE PISTON O-RING

- (a) Coat the 2 new O-rings with ATF, and install them into the 2nd brake piston.



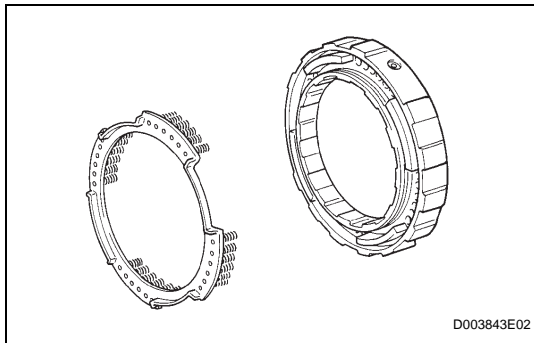
2. INSTALL 2ND BRAKE PISTON

- (a) Press in the 2nd brake piston into the 2nd brake cylinder with your hands.



3. INSTALL 2ND BRAKE PISTON RETURN SPRING SUB-ASSEMBLY

- (a) Install the piston return spring.



- (b) Place SST on the piston return spring, and compress the piston return spring with a press.

SST 09387-00060

- (c) Using a screwdriver, install the snap ring.

NOTICE:

Be sure the end gap of the snap ring is not aligned with the piston return spring claw.

